

ABSTRACT OF THE DISCLOSURE

In a communication device using a communication
protocol with data loss compensation functions provided at
5 both an upper layer and a lower layer, a transmission order
among packets to be transmitted is controlled at the lower
layer, according to the transmission states of upper layer
connections to which the packets belong, such that when
there is at least one non-transmitted packet for each one
10 of at least two different upper layer connections, at least
two packets to be transmitted consecutively are belonging
to different upper layer connections.

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